



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Greg L. Armstrong, Chief Executive
Plains All American Pipeline, L.P.
333 Clay Street, Suite 1600
Houston, TX 77002

JUN 23 2015

Dear Mr. Armstrong,

The United States Environmental Protection Agency (EPA) hereby requires Plains All American Pipeline, L.P. (Plains) to provide certain information as part of an EPA investigation to determine the Clean Air Act (CAA or the Act) compliance status of the facility located at 2201 Goodwin Neck Road, Yorktown, VA 23692 ("Facility"). Plains previously provided information pursuant to a November 2012 and August 2014 request. EPA is requesting an update of the information to include the time period encompassing August 1, 2014 to the June 2015 date of this request. Please note that the questions in Enclosure 2 are slightly different than the original request.

Pursuant to Section 114(a) of the CAA, 42 U.S.C. Section 7414(a), the Administrator of EPA is authorized to require any person who owns and/or operates an emission source to establish and maintain records, make reports and provide such other information as he may reasonably require for the purposes of determining whether such person is in violation of any provision of the Act. In order for EPA to determine whether a violation has occurred, you are hereby required, pursuant to Section 114(a) of the CAA, to provide responses to the following questions and requests for information regarding your plant. Therefore, you are hereby required to respond to questions and requests for information in Enclosure 2. (See Enclosure 1 for instructions and definitions). All information submitted in response to this request must be certified as true, correct, accurate and complete by an individual with sufficient knowledge and authority to make such representations on behalf of Plains. On the last page of your response(s) to this Questionnaire, please include the certification contained in Enclosure 3.

Failure to provide the required information may result in the issuance of an Order requiring compliance with the requirements, or the initiation of a civil action pursuant to Section 113(b) of the Act, 42 U.S.C. Section 7413(b). In addition, Section 113(c)(2) of the Act provides that any person who knowingly makes any false material statement, representation, or certification in, or omits material information from any document required pursuant to this Act shall upon conviction be punished by a fine pursuant to Title 18 of the United States Code, or by



imprisonment for not more than two years, or both. The information you provide may be used by EPA in administrative, civil and criminal proceedings.

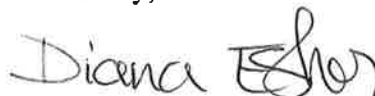
You are entitled to assert a business confidentiality claim, covering all or part of the information which this letter requires, except that no such claim can be made with respect to emission data as defined at 40 C.F.R. Section 2.301(a)(2) (Enclosure 4). Any such claim should be made in accordance with the procedures described at 40 C.F.R. Section 2.203(b). EPA will provide the public with information subject to a claim of business confidentiality only in accordance with the procedures set forth at 40 C.F.R. Part 2, Subpart B. EPA may provide the public with any information not subject to such a claim without further notice. The required submission of information pursuant to Section 114 is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. Sections 3501, et seq.

EPA requires Plains to submit the information requested in Enclosure 2 no later than thirty (30) calendar days after receipt of this letter. EPA requires that Plains report any changes or revisions to the information supplied within seven (7) days after the change or revision is made. This requirement to provide EPA with changed or revised information shall remain in effect until EPA provides Plains with written notice of its termination. Please submit your response to this request to:

Ms. Zelma Maldonado, Associate Director
U.S. Environmental Protection Agency Region III
Office of Air Enforcement & Compliance Assistance (3AP20)
1650 Arch Street
Philadelphia, PA 19103-2029

If you have any questions regarding this information request, please contact Ms. Erin Willard of the Office of Air Enforcement & Compliance Assistance at 215-814-2152 or willard.erinm@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Diana Esher", is written over a horizontal line.

Diana Esher, Director
Air Protection Division

cc: Jane Kelley, Plains All American Pipeline, Yorktown, VA
John Brandt, VA DEQ Tidewater Office

ENCLOSURE 1

A. INSTRUCTIONS

1. Please provide a separate narrative response to each question and subpart of a question set forth in this Information Request. Please provide the **requested non-narrative information in spreadsheet format, preferably in Excel and in one spreadsheet.**
2. Indicate on each document produced in response to this Information Request, or in some other reasonable manner, the number of the question to which it corresponds.
3. Provide as much information possible to completely answer each question. This includes all supporting documentation, such as performance test reports, inspection records, memorandums, facility records, etc. Failure to completely respond to any questions may increase the time necessary to determine compliance with all applicable regulations.
4. For each document provided in response to these questions, provide an accurate and legible copy, which can be used to determine the completeness of this request. For any information submitted electronically, clearly label to which question(s) the data is responsive.
5. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
6. **Where documents or information necessary for a response are neither in your possession nor available to you, indicate in your response why such documents or information is not available or in your possession and identify any source that either possesses or is likely to possess such information.**

B. DEFINITIONS

1. All terms used in the Information Request will have their ordinary meaning unless such terms are defined in the Act, 42 U.S.C. Section 7401 or 40 C.F.R. Part 60 and Part 63.
2. EPA Region III includes the states of Maryland, Pennsylvania, Virginia, West Virginia, Delaware and the District of Columbia.
3. "Flare" is broadly defined as any open combustion unit (i.e., lacking an enclosed combustion chamber) whose combustion air is provided by uncontrolled ambient air around the flame, and that is used as a control or safety device. A flare may be equipped with a radiant heat shield (with or without a refractory lining), but is not equipped with a flame air control damping system to control the air/fuel mixture. In addition, a flare may also use auxiliary fuel. The combustion flame may be elevated or at ground level.
4. "Pilot Gas" means gas injected at a flare tip to maintain a flame.

5. "Purge Gas" or "Sweep Gas" means all gas introduced prior to the Flare tip to protect against oxygen buildup in the Flare header and/or to maintain a constant flow of gas through the flare and out the tip.
6. "Supplemental Gas" means all gas introduced to raise the heating value of Waste Gas.
7. "Vent Gas" means all gases found just prior to the flare tip. This gas includes all Waste Gas, Purge Gas, Supplemental Gas, nitrogen and hydrogen, but does not include Pilot Gas or steam.
8. "Waste Gas" means all gases routed to a flare for combustion, excluding Purge Gas, Supplemental Gas, Pilot Gas, and steam.

ENCLOSURE 2

This request and all requests below seek information regarding all facility devices meeting the definition of a "Flare", and the emission points designated as follows (the notation refers to the Title V permit numbers): Flare 1 (before 1972)/stack S010, Flare 2/stack S011, Auxiliary Flare/stack S012, and any other flare system/flare stack at the Plains Facility.

1. Identify the current owner and operator of the Facility and any changes thereto in the past five years.
2. For each facility flare, state with specificity which, if any, federal and/or state regulations regulate/apply to each flare. If any facility flare is listed in a permit issued under federal and/or state regulations, provide an electronic copy, preferably in "PDF", of each currently effective permit. Include copies of permit applications for changes made to permit(s) based on the operation of the facility as a terminal rather than a refinery. Additionally, indicate the federal and state regulations that apply to the facility as a whole, regardless of whether those regulations include flare provisions.
3. For each facility flare, state whether the flare and its associated closed vent system is used as the method of compliance with any federal regulation, including without limitation, the Standards of Performance for New Stationary Sources found at 40 C.F.R. Part 60, the National Emission Standards for Hazardous Air Pollutants found at 40 C.F.R. Part 61, and the National Emission Standards for Hazardous Air Pollutants for Source Categories found at 40 C.F.R. Part 63, (specifically including without limitation any leak detection and repair (LDAR) provisions promulgated under these Parts such as 40 C.F.R. § 60.482-4(c), or 40 C.F.R. § 63.165(c)). In each such case, identify the process unit or equipment that is/are the "affected facility" under the applicable Part and the specific Subpart that applies to the "affected facility."
4. For each day beginning August 1, 2014 until the date of your receipt of this request, list the periods of time (date, start time, and end time) that Waste Gas, Purge Gas, and/or Supplemental Gas was routed to each flare at the Plains facility (i.e., "venting periods"). Please identify the type of vent gas (e.g., Waste Gas, Purge Gas, Supplemental Gas, nitrogen and hydrogen) in the response, if possible.
5. For each venting period listed in response to paragraph 4 above, provide the average heating value, in British Thermal Units per standard cubic foot (BTU/scf), of the stream that was vented to each facility flare. The averaging time shall not be greater than one hour. If the heating value is not measured, you shall use the best means available to estimate it. Provide a narrative explanation, example calculations and appropriate supporting documentation describing how you arrived at your response.
6. For each venting period listed in response to paragraph 4 above, provide the average exiting velocity, in meters per second (m/sec) or foot per second (ft/sec), of the stream that was vented to each facility flare. The averaging time shall not be greater than one hour. If the exiting velocity is not measured, you shall use the best means available to estimate it. Provide a narrative explanation, example calculations and appropriate supporting documentation describing how you arrived at your response.

7. For each venting period listed in response to paragraph 4 above, provide the average mass flow rate of the Vent Gas, in pounds per hour (lbs/hr), that was vented to each facility flare. The averaging time shall be no more than one hour. If the mass flow rate is not measured you shall use the best means available to estimate it. Provide a narrative explanation, example calculations and appropriate supporting documentation describing how you arrived at your response.
8. For each venting period listed in response to paragraph 4 above, provide the average rate at which steam and/or air was being added to each facility flare, in lb/hr for steam and/or scf/hr for air, at all locations on the flare (i.e., the sum of seal, upper, lower, winterizing, etc.) during each venting period. The averaging time shall not be greater than one hour. If the steam and/or air flow is not measured you shall use the best means available to estimate it. Provide a narrative explanation, example calculations and appropriate supporting documentation describing how you arrived at your response.
9. Provide a one-hour average of the concentration of each constituent in the Vent Gas during venting periods for the dates beginning one month prior to your receipt of this request, until the date of receipt of your request.
10. For each venting period listed in response to paragraph 4 above, provide the average steam-to-Vent Gas or air-to-Vent Gas ratio (lb steam/lb Vent Gas or scf of air/lb of Vent Gas) during any release to each facility flare. The averaging time shall be no more than one hour. Provide a narrative explanation, example calculations and appropriate supporting documentation describing how you arrived at your response.
11. Provide a list of the primary constituents in the Vent Gas routed to each flare for venting periods since August 1, 2014 to the date of your receipt of this request, and an estimated range of each constituent's concentration. Except for the period specified in paragraph 9, you need not determine the exact concentration of all compounds for each period of time, but only the most prominent compounds and an approximate range of concentration.
12. For each facility flare, provide the minimum steam or air addition rate, in lb/hr for steam and/or scf/hr for air, at all locations on the flare (seal, upper and lower). To the extent that the minimum steam or air addition rate changes on a seasonal basis, state the minimum rate for each season and the time periods during which each season's minimum rate applies. Provide appropriate supporting documentation.
13. Provide copies of any and all documents in your possession, custody, or control that prescribe or recommend the amount of steam or air to be added to each facility flare. Provide a copy of the entire document if, within the document, it states the maximum steam or air rate, minimum steam or air rate, steam or air addition rate associated with a vent scenario, general steam-to-vent gas or air-to-organic gas/vent gas ratio, or any other reference to steam addition.
14. For each facility flare, state whether the flare is configured to receive gases/vapors from one or more pressure relief device(s), which is a safety device used to prevent operating pressures from exceeding the maximum allowable working pressure of the process equipment.

15. Beginning August 1, 2014 to the date of your receipt of this request, provide documentation demonstrating the presence of a flare pilot flame for each facility flare.
16. For each facility flare, provide a copy of all test reports for tests conducted to demonstrate the net heating value and exit velocity performed for any reason.
17. Beginning August 1, 2014 to the date of your receipt of this request, provide all visible emission records for each facility flare.
18. Beginning August 1, 2014 to the date of your receipt of this request, provide a list and description of any violations alleged by the Virginia Department of Environmental Quality (VADEQ) in connection with the operation of any of the Facility's flare units.
19. For all flares, please identify if the flare has the following equipment and the locations of any such pieces of equipment as related to the flare and incoming steam and gas lines.
 - a. a steam flow meter,
 - b. a waste gas flow meter,
 - c. a Molecular Weight meter,
 - d. a thermo couple,
 - e. an auto igniter,
 - f. a pilot and or flame alarm;
 - g. a video or IR camera for Flame monitoring

ENCLOSURE 3:

STATEMENT OF CERTIFICATION

[This Certification is for signature by the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or another executive with authority to perform similar policy or decision-making functions of the corporation.]

Plains All American Pipeline, L.P. is submitting the enclosed documents in response to the U.S. Environmental Protection Agency's (EPA) request for information, issued pursuant to Section 114(a) of the Clean Air Act, to determine whether the facility is in compliance with the Clean Air Act.

I certify that I am fully authorized by Plains All American Pipeline, L.P. to provide the above information on its behalf to EPA.

I certify under penalty of law that I have personally examined and am familiar with the statements and information submitted in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true, correct, accurate and complete. I am aware that there are significant penalties for submitting false statements and information, or omitting required statements and information, including the possibility of fines and imprisonment for knowing violations.

Date: _____

Name (Printed): _____

Signature: _____

Title: _____

ENCLOSURE 4:

Confidential Business Information (CBI) Assertion and Substantiation Requirements

A. Assertion Requirements

You may assert a business confidentiality claim covering all or part of the information requested in response to this information request, as provided in 40 C.F.R. Section 2.203(b). You may assert a business confidentiality claim covering such information by placing on (or attaching to) the information you desire to assert a confidentiality claim, at the time it is submitted to EPA, a cover sheet, stamped, or typed legend (or other suitable form of notice) employing language such as "trade secret," "proprietary," "company confidential." Allegedly confidential portions of otherwise non-confidential documents should be clearly identified, and may be submitted separately to facilitate identification and handling by EPA. If you desire confidential treatment only until a certain date or until the occurrence of a certain event, the notice should so state. Information covered by such a claim will be disclosed by EPA only to the extent, and by means of the procedures, set forth in Section 114(c) of the Clean Air Act (the Act) and 40 C.F.R. Part 2. EPA will construe the failure to furnish a confidentiality claim with your response to the attached letter as a waiver of that claim, and the information may be made available to the public without further notice to you.

B. Substantiation Requirements

All confidentiality claims are subject to EPA verification in accordance with 40 C.F.R. Part 2, Subpart B. The criteria for determining whether material claimed as confidential is entitled to such treatment are set forth at 40 C.F.R. Sections 2.208 and 2.301, which provide, in part, that you must satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so; that the information is not and has not been reasonably obtainable by legitimate means without your consent; and the disclosure of the information is likely to cause substantial harm to your business's competitive edge.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking you to substantiate fully your CBI claim. If you receive such a letter, you must provide EPA with a response within the number of days set forth in the EPA request letter. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential. You must be specific by page, paragraph, and sentence when identifying the information subject to your claim. Any information not specifically identified as subject to a confidentiality claim may be disclosed without further notice to you. For each item or class of information that you identify as being subject to CBI, you must answer the following questions, giving as much detail as possible, in accordance with 40 C.F.R. 2.204(e).

1. What specific portions of the information are alleged to be entitled to confidential treatment? For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a specified event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.

2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your responses?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available material such as the Internet, publicly available databases, promotional publications, annual reports, or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not to release to the public?
5. Has any governmental body made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial, and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?
7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Any other issue you deem relevant

Please note that emission data provided under Section 114 of the Act, 42 U.S.C. Section 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2, Subpart B.

Emission data means, with reference to any source of emission of any substance into the air:

(A) Information necessary to determine the identity, amount, frequency, concentration, or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

(B) Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including, to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

(C) A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. Sections 2.301(a)(2)(i)(A), (B), and (C).

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.